

TITLE: METHOD OF FABRICATING FIELD EMISSION ARRAYS
EMPLOYING A HARD MASK TO DEFINE COLUMN LINES AND
ANOTHER MASK TO DEFINE EMITTER TIPS AND RESISTORS

Inventor: Ammar Derraa; Serial No.: Not yet assigned

Docket No.: 3882.8US (99-0017.08/US)

1/6

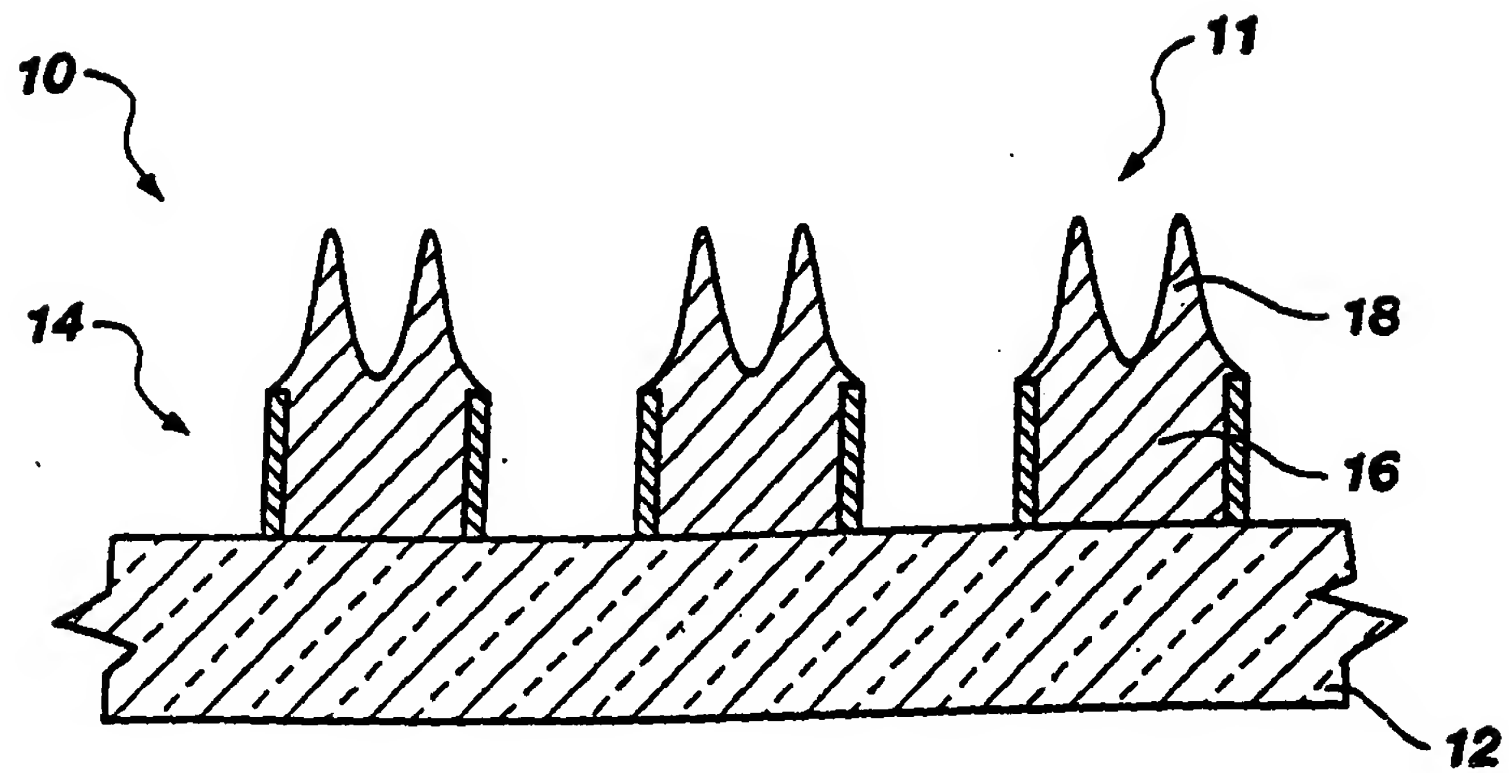


Fig. 1

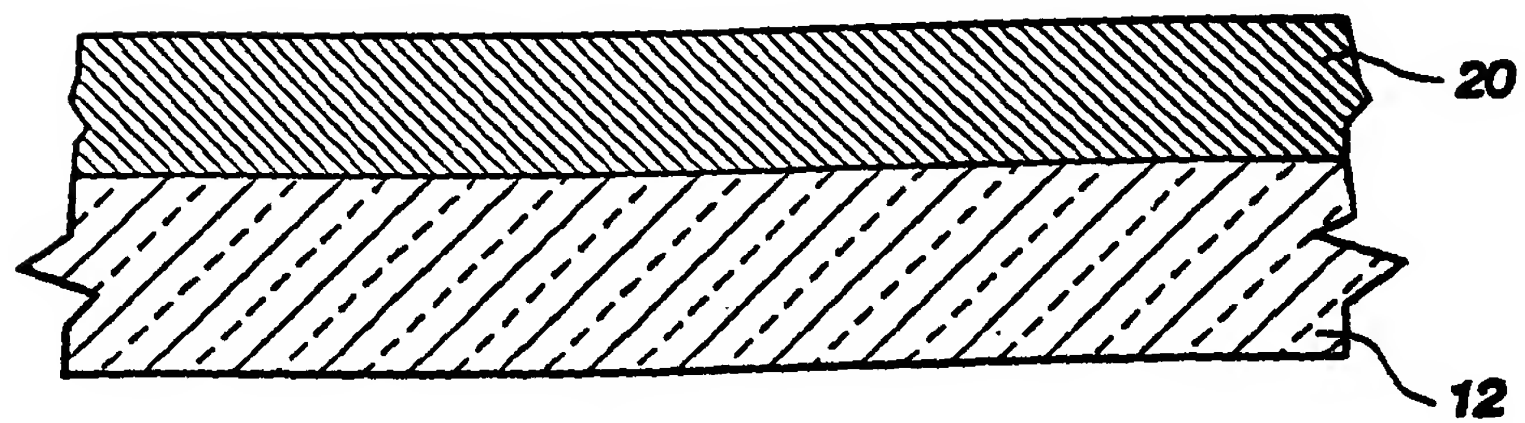


Fig. 2

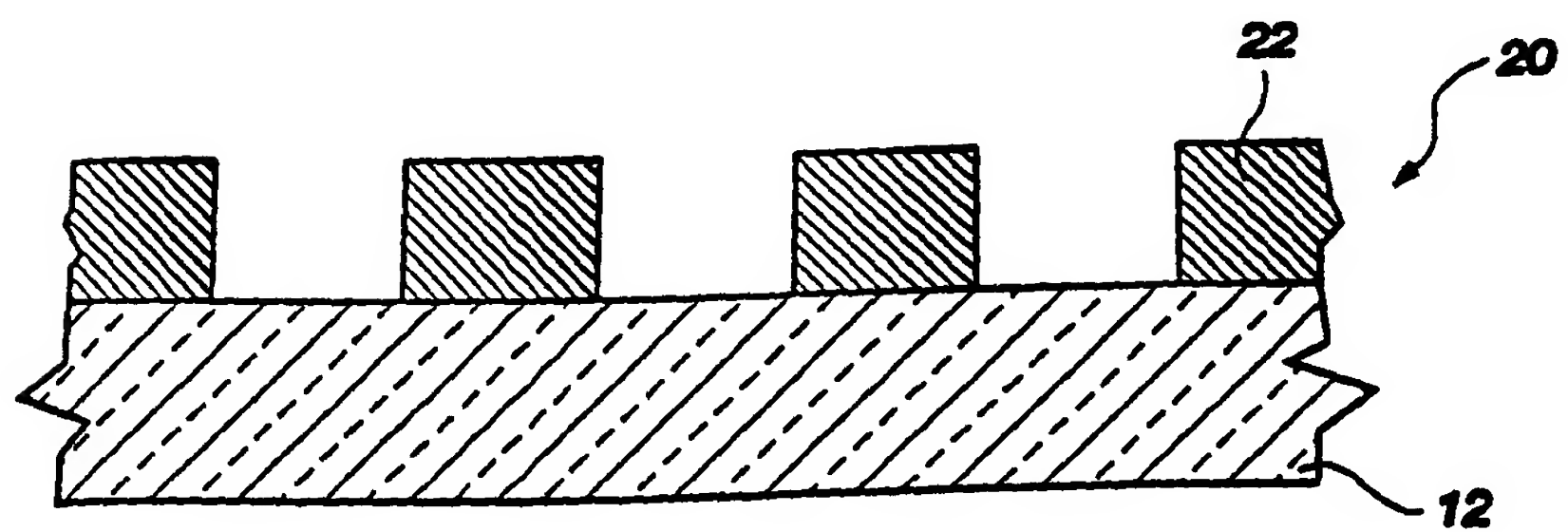


Fig. 3

2/6

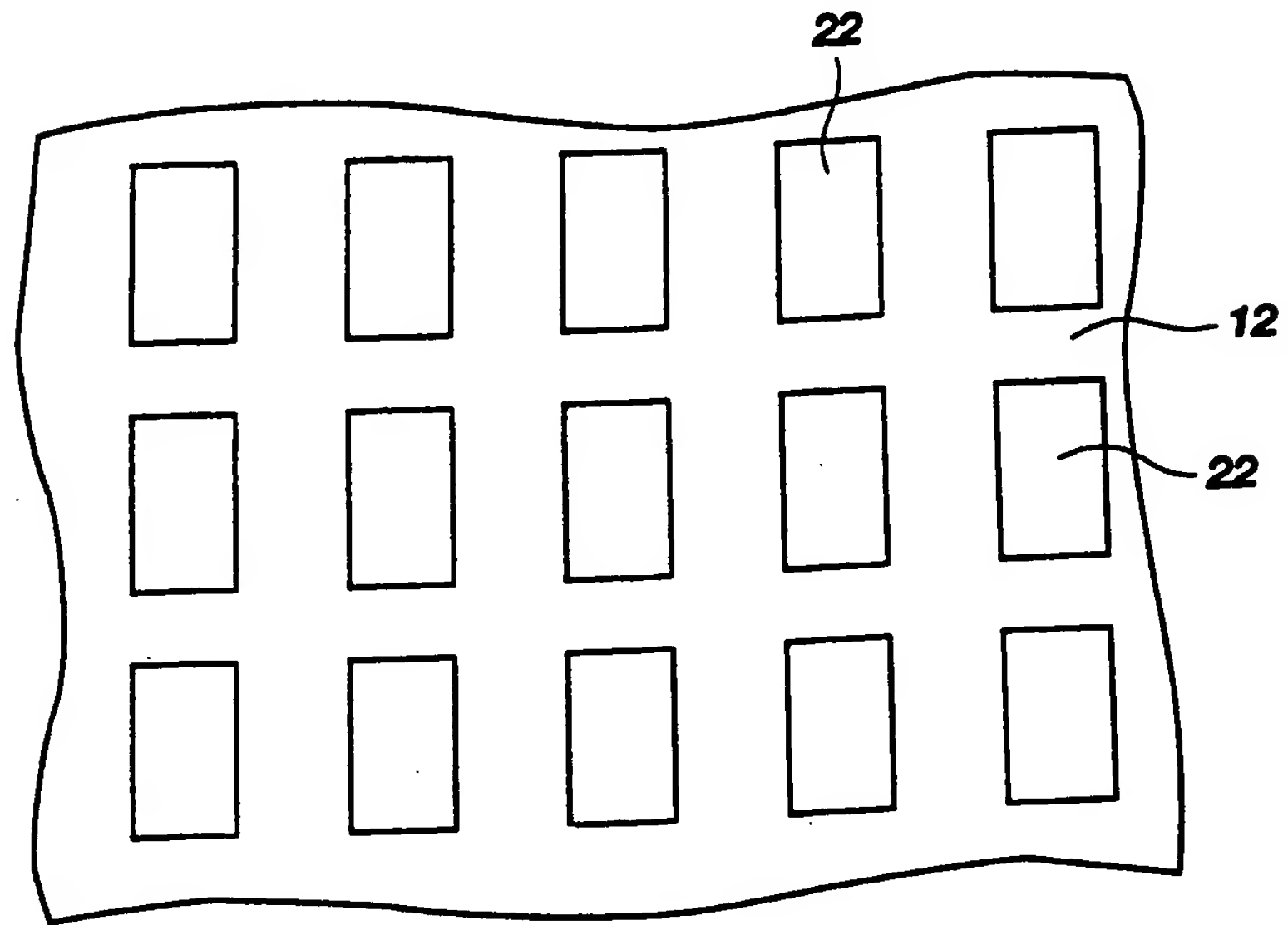


Fig. 3A

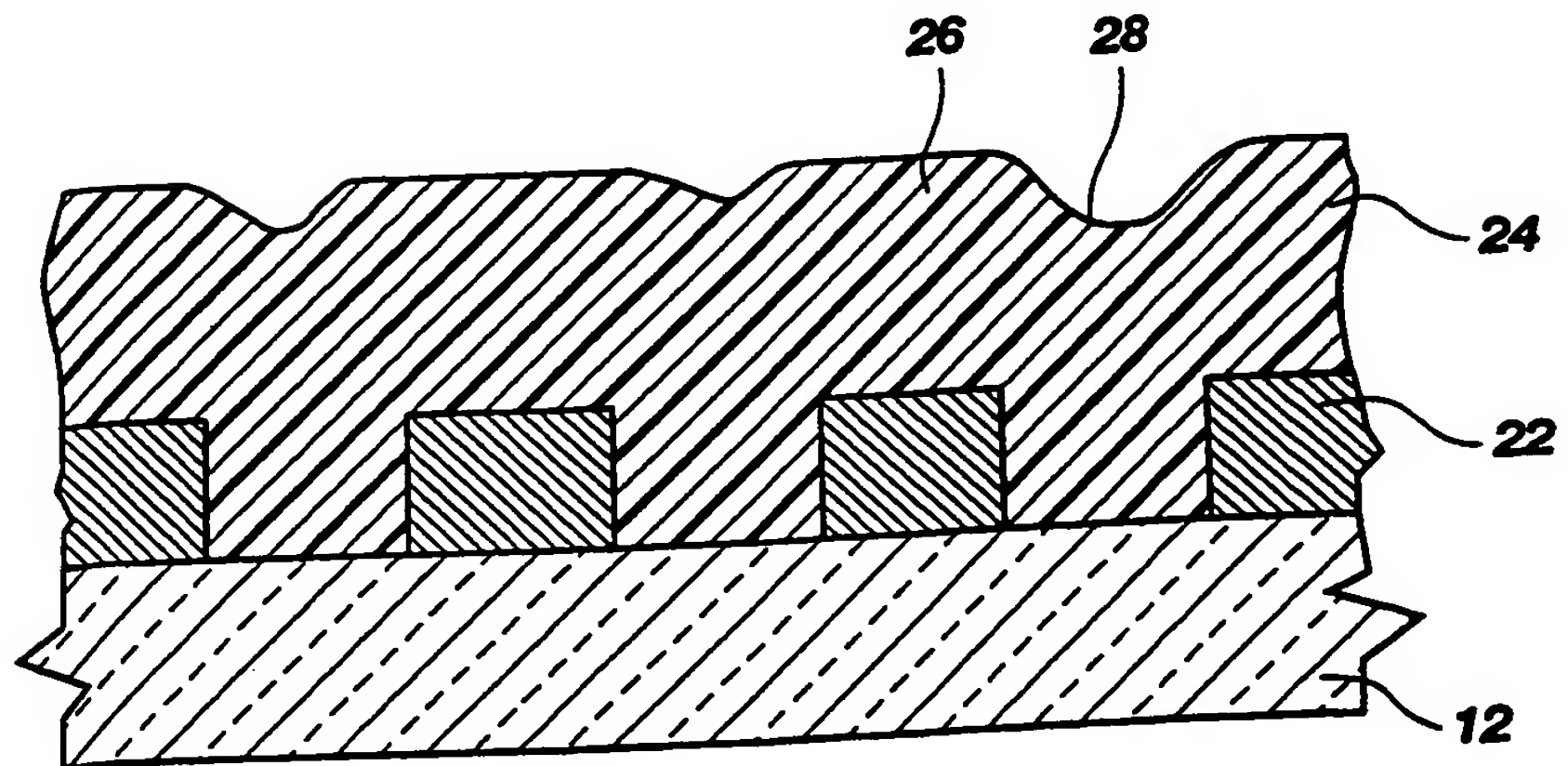


Fig. 4

TITLE: METHOD OF FABRICATING FIELD EMISSION ARRAYS
EMPLOYING A HARD MASK TO DEFINE COLUMN LINES AND
ANOTHER MASK TO DEFINE EMITTER TIPS AND RESISTORS

Inventor: Ammar Derraa; Serial No.: Not yet assigned

Docket No.: 3882.8US (99-0017.08/US)

3/6

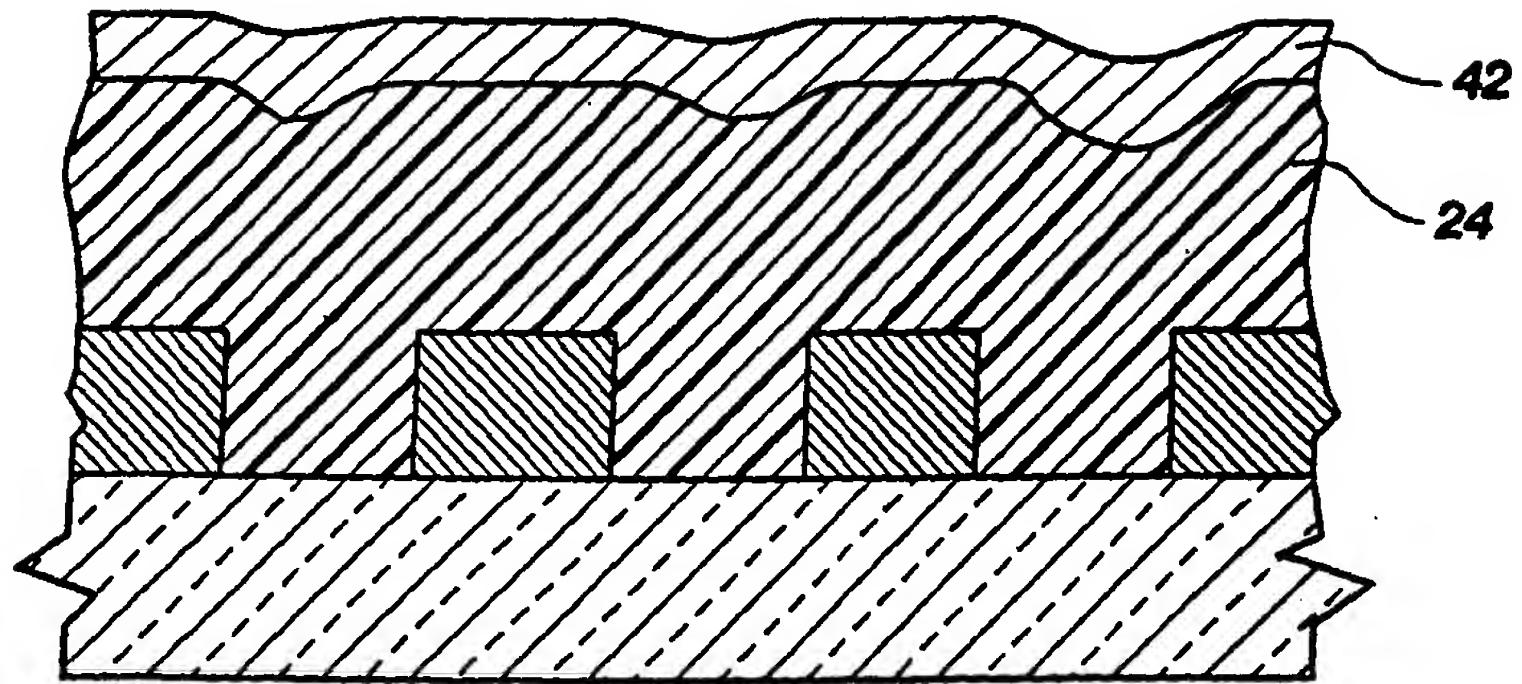


Fig. 5

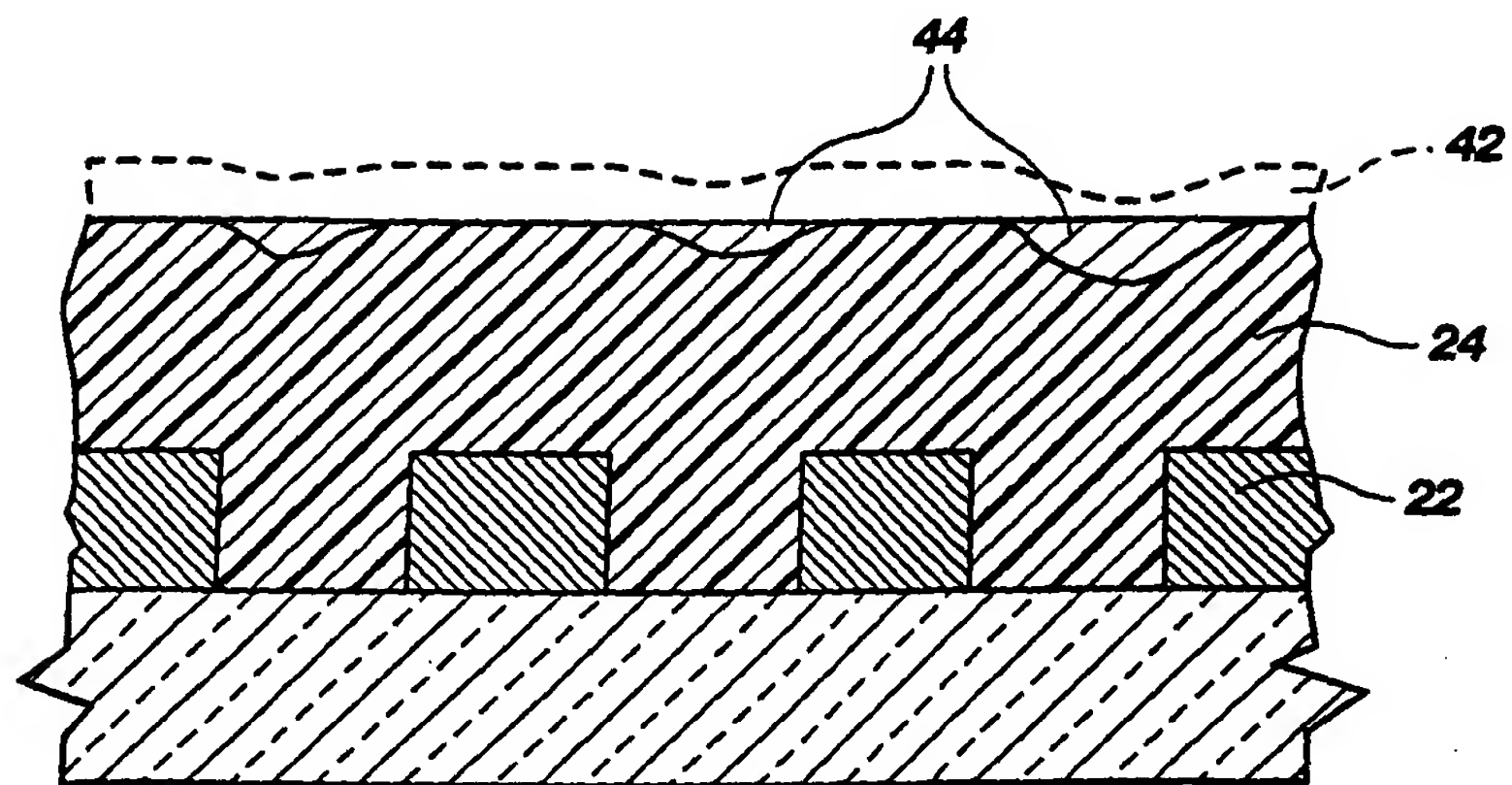


Fig. 6

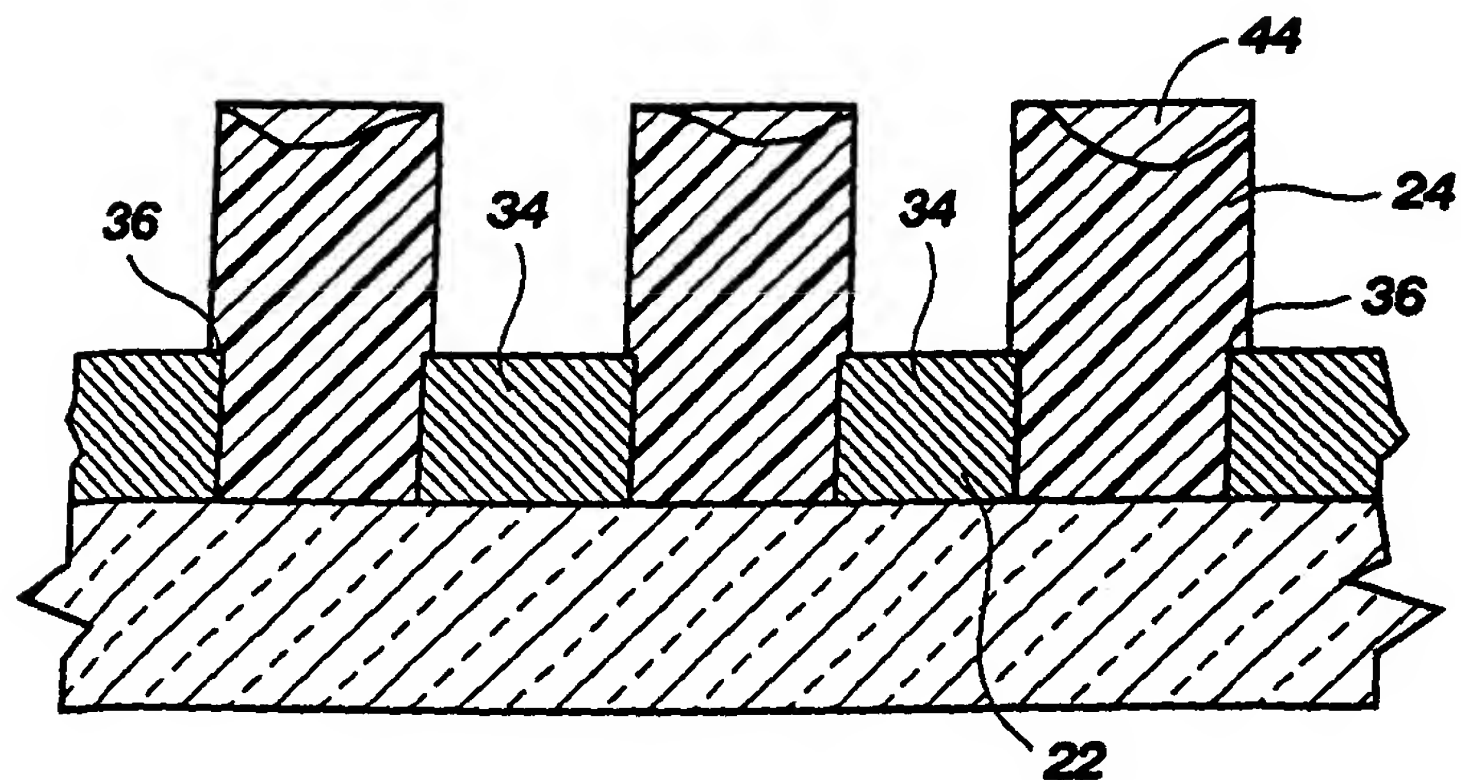


Fig. 7

TITLE: METHOD OF FABRICATING FIELD EMISSION ARRAYS
EMPLOYING A HARD MASK TO DEFINE COLUMN LINES AND
ANOTHER MASK TO DEFINE EMITTER TIPS AND RESISTORS

Inventor: Ammar Derraa; Serial No.: Not yet assigned

Docket No.: 3882.8US (99-0017.08/US)

4/6

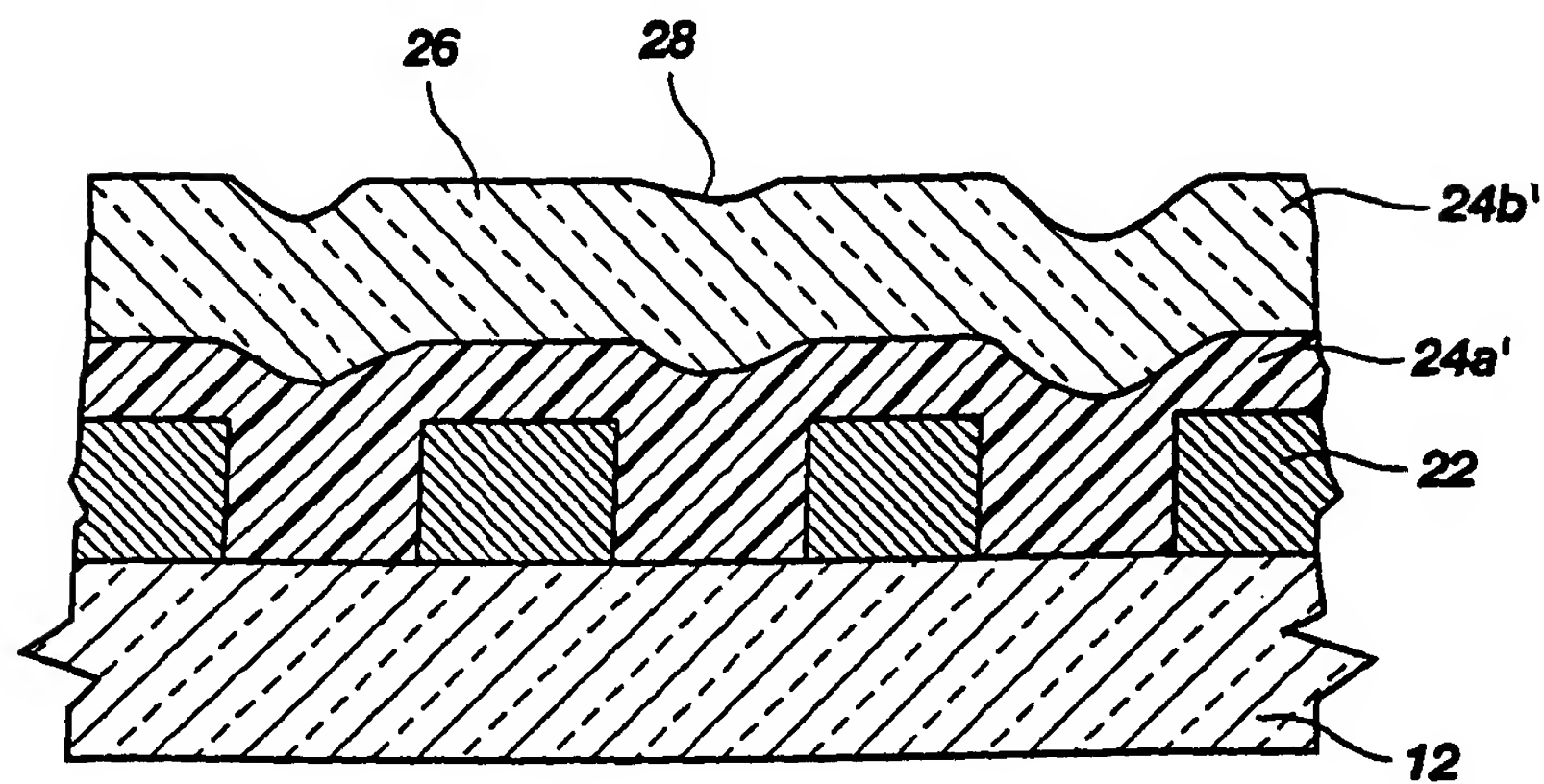


Fig. 4A

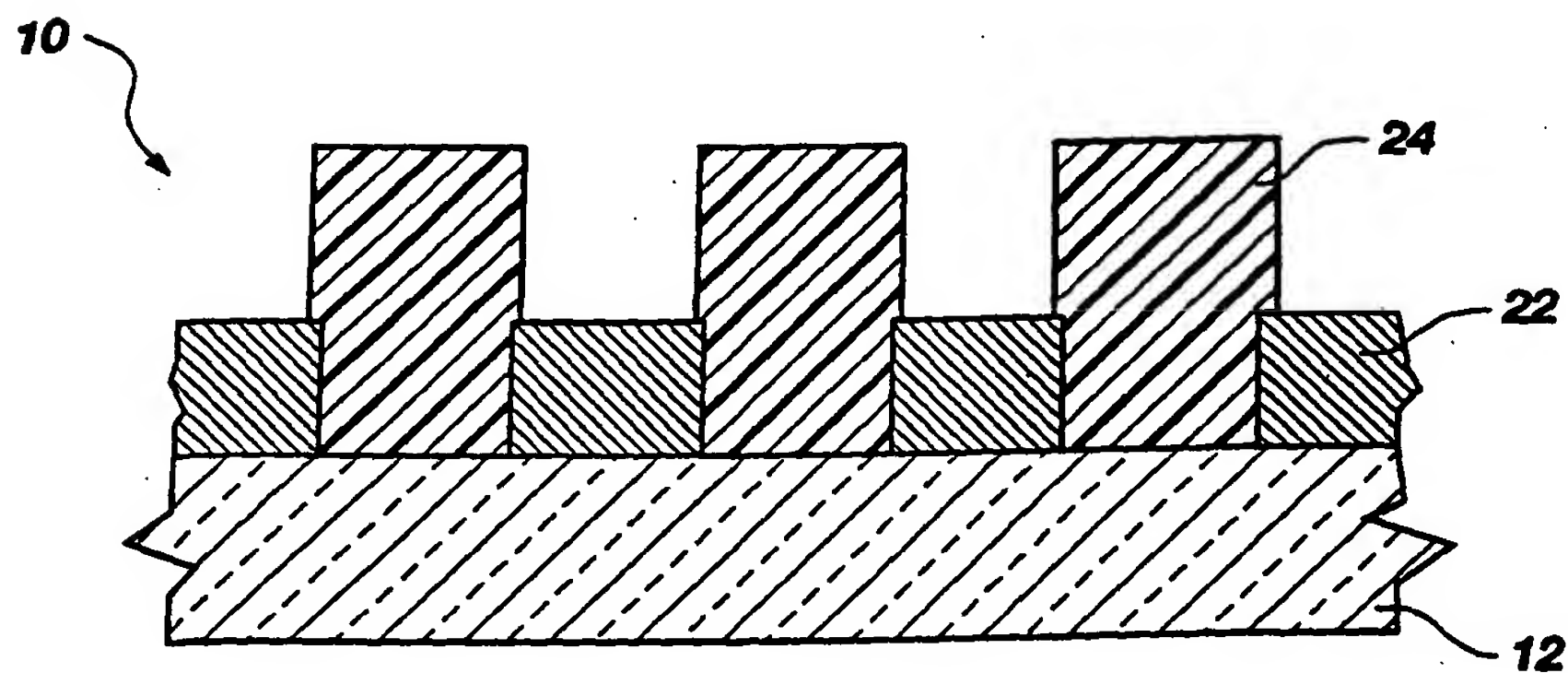


Fig. 8

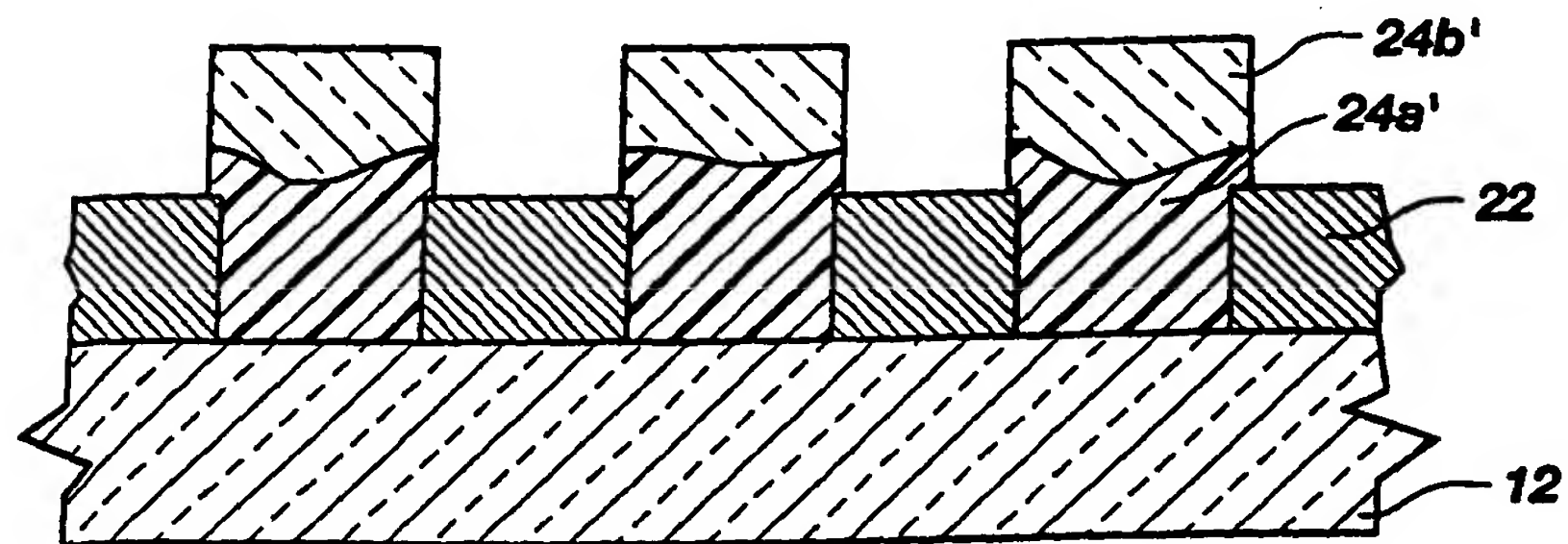


Fig. 8A

TITLE: METHOD OF FABRICATING FIELD EMISSION ARRAYS
EMPLOYING A HARD MASK TO DEFINE COLUMN LINES AND
ANOTHER MASK TO DEFINE EMITTER TIPS AND RESISTORS

Inventor: Ammar Derraa; Serial No.: Not yet assigned

Docket No.: 3882.8US (99-0017.08/US)

5/6

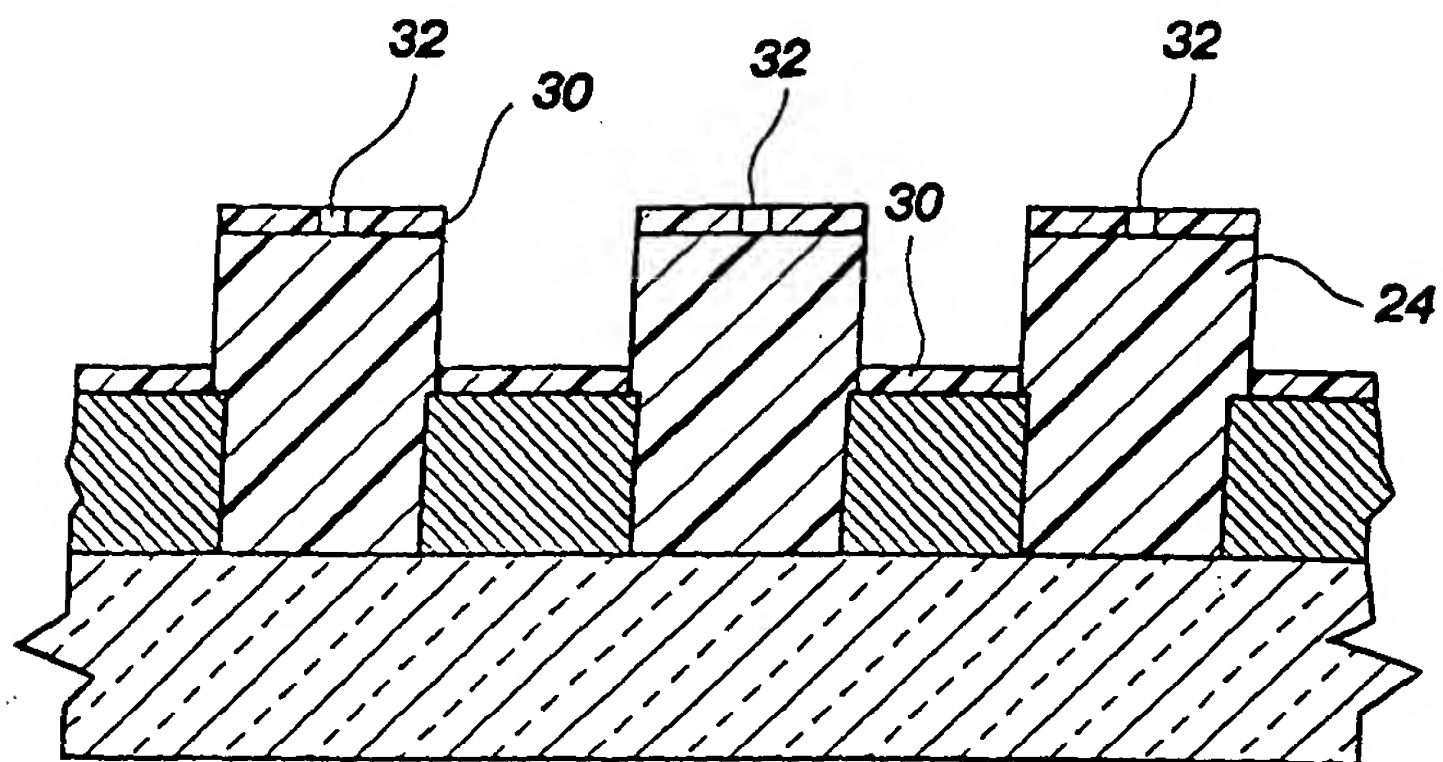


Fig. 9

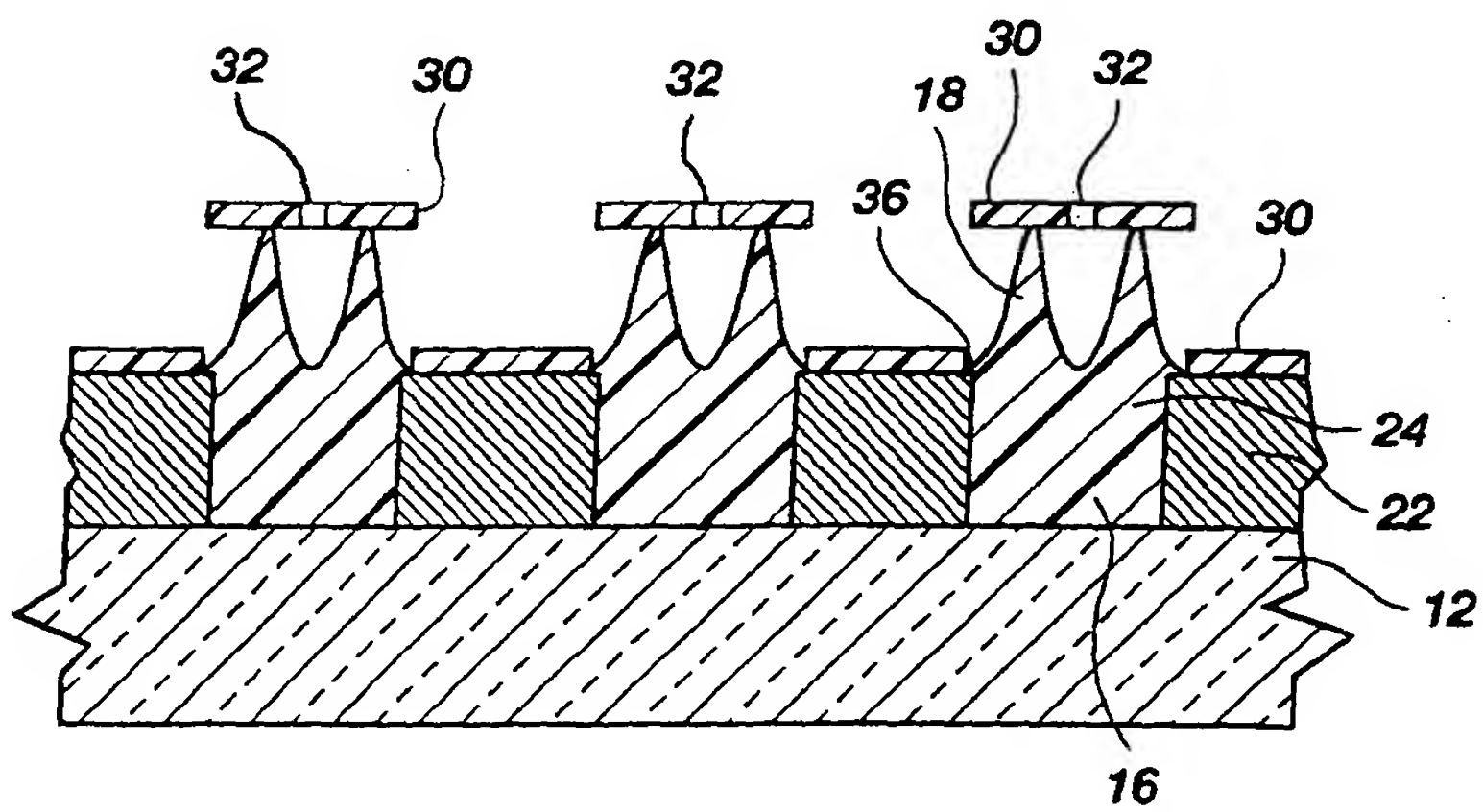


Fig. 10

TITLE: METHOD OF FABRICATING FIELD EMISSION ARRAYS
EMPLOYING A HARD MASK TO DEFINE COLUMN LINES AND
ANOTHER MASK TO DEFINE EMITTER TIPS AND RESISTORS

Inventor: Ammar Derraa; Serial No.: Not yet assigned

Docket No.: 3882.8US (99-0017.08/US)

6/6

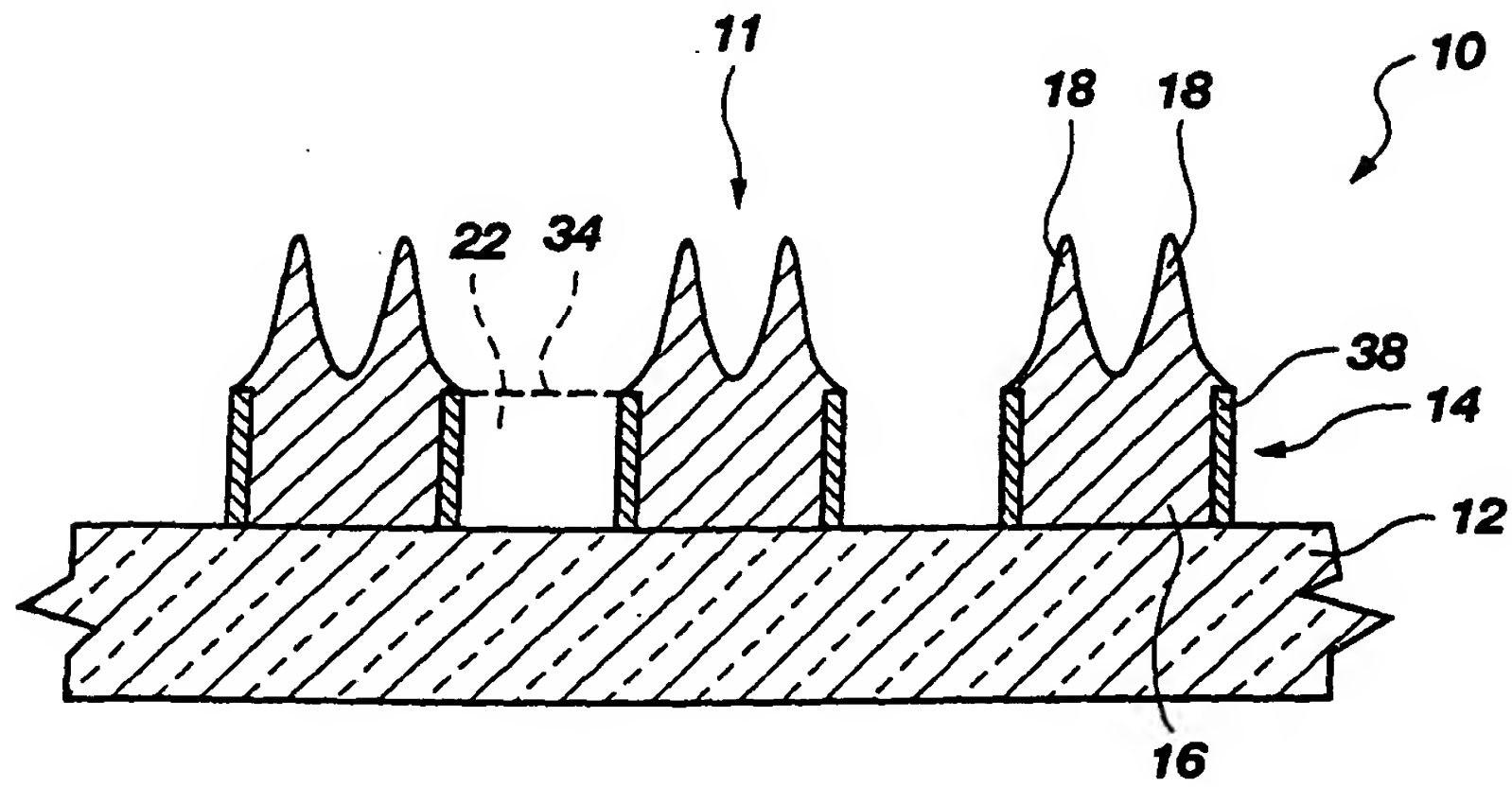


Fig. 11